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Views and Data

Relating to the Development
of the

Department of Biology

Purdue University

1874-1917

A Souvenir

STANLEY COULTER
Dean of the School of Science
Professor of Biology
Director of the Biological Laboratories
1887-1917

STANLEY COULTER, 1887——Dean of the School of Science, Professor of Biology and Director of the Biological Laboratories. Sigma Xi, Beta Theta Pi, Sigma Delta Chi. A. B. '71, A. M. '74, Ph. D. '79 and LL. D. '08, Hanover College. Fellow Ind. Acad. Sci. (Pres. '97); Amer. Assoc. Adv. Sci.; State Board of Forestry; Centr. Bot. Assoc.; Sci. Teachers' Assoc. (1st Pres.); Assoc. Mem. Bot. Soc. Amer. Lecturer in Botany; summer schools, Wisconsin, '93; Cornell '03-'07. Lecturer on Science Teaching in Indianapolis Teachers' Train. Sch., 1900—. Lecturer to Seniors in Physiology, St. Elizabeth Hospital, LaFayette, '95-—.

Dedication of Stanley Coulter Hall of Biology

HELD IN CONNECTION WITH THE SPRING MEETING OF THE
INDIANA ACADEMY OF SCIENCE

PROGRAM

THURSDAY, MAY 17

Afternoon Session, 2:00 o'clock

Acceptance of the building for the University and address by - - - PRESIDENT W. E. STONE

Brief addresses by

PRESIDENT W. J. MOENKHAUS, representing Indiana Academy of Science
J. S. WRIGHT, ESQ., representing the Alumni
DR. H. C. COWLES, Chicago University, on Botany.
DR. C. H. EIGENMANN, Indiana University, on Zoology

Complimentary Supper served to members of Academy and invited guests, at 6:00 o'clock, in Stanley Coulter Hall of Biology

EVENING SESSION, 8:00 o'clock

Address: "The Modern Biological Laboratory and Public Health,"
PROFESSOR WM. T. SEDGWICK, Massachusetts Institute of Technology

Stanley Coulter Hall of Biology was erected during 1916-17 upon the site of the old Science Hall (p. 17). The foundations were laid during July, 1916, and work was continued throughout the fall and winter months.

Its two stories and well lighted basement are built in the form of a square U. The main body of the building has a frontage of one hundred seventy-five feet and a width of sixty feet, while two wings thirty-five feet wide by sixty feet in length extend toward the north. Numerous windows in the body and wings afford an abundance of light for class-rooms and laboratories.

The red tile roof, rich maroon colored brick and Bedford stone trimmings make this one of the most handsome buildings on the campus. The floors are constructed of hollow tile and reinforced concrete and are finished in Italian terazzo surface. Doors and all other woodwork are finished in dark oak and in contrast with this the plain brick walls, partitions and ceilings are tinted in light cream color throughout.

Vacuum heat system with temperature regulation, excellent artificial illumination and a system of inter-telephones add to the comfort and convenience of the building. The total floor area is 47,000 square feet; there are fifty-six rooms, ten of which are large laboratories.

The building has been named Stanley Coulter Hall of Biology by the Trustees upon the universal request of the alumni in recognition of Professor Coulter's thirty years of valued service to the University.

Its cost is $100,000.

STANLEY COULTER HALL OF BIOLOGY

Divisions of the Department of Biology

General Biology and Zoology, Bacteriology, Botany, Forestry, Physiology and Anatomy

STAFF

Stanley Coulter, 1887——Dean of the School of Science, Professor of Biology and Director of the Biological Laboratories. (See page two).

Charles A. Benedict, 1914——Assoc. Prof. of Bacteriology. Sigma Xi. B. S. '09, M. S. '10, and Ph. D. '13, Michigan. Instructor in Bacteriology, Michigan, 1910-14. Member Mich. Acad. Sci.; Ind. Acad. Sci.; Amer. Assoc. Bacteriologists; Amer. Assoc. Adv. Science.

Howard E. Enders, 1906——Assoc. Prof. Zoology and in charge of General Biology. Phi Beta Kappa, Sigma Xi. B. S. '97, and M. S. '00, Lebanon Valley College; B. S. '98, Michigan; Ph. D. '06, Johns Hopkins. Investigator U. S. Fisheries Lab., Beaufort, N. C., summers '03-'08; Assoc. Prof. Zoology, Summer Sch., Indiana Univ., '11-'15; Prof. Zool., Summer Sch., Johns Hopkins, '16—. Fellow Ind. Acad. Sci. (Asst. and Sec'y '14); Fellow Amer. Assoc. Adv. Sci. Member Amer. Soc. Zool. Lecturer in Junior Physiol., St. Eliz. Hosp., LaFayette, '15—.

George N. Hoffer, 1909—Assoc. Prof. Botany, Sigma Xi. A. B. '09, Lebanon Valley College; M. S. '11, Purdue. Member Ind. Acad. Sci.; Amer. Phytopath. Soc.; Amer. Assoc. Adv. Science.

Oliver P. Terry, 1906—Assoc. Prof. Physiology and Anatomy and University Physician. Sigma Xi, Alpha Kappa Kappa, Beta Theta Pi, Tau Beta Pi. B. S. '03, Purdue; M. S. '06 and M. D. '06, St. Louis Univ. Member Ind. Acad. Sci.; Amer. Med. Assoc.; Amer. Physiol. Soc. Assistant, Marine Biol. Lab., '07. Lecturer on Zymotic Diseases, St. Eliz. Hosp., LaFayette, '14—.

Ruth N. Prentice, 1914—Assist. Prof. Forestry. B. S. '12, Syracuse. M. F. '13, N. Y. Sta. Coll. Forestry. Member Ind. Acad. Sci. Summer Work U. S. Forest Service, 1913-14.

INSTRUCTORS

PHILLIP A. TETRAULT, 1912—Biology and Household Bacteriology. A. B. '12, Clark; M. S. '14, Purdue. Member Ind. Acad. Sci. (Asst. Secy. '16); Amer. Pub. Health Assoc.

LOUIS F. HEIMLICH, 1914—Botany. B. S. '14 and M. S. '16, Purdue. Member Ind. Acad. Sci.

CHARLES M. JAMES, 1914—Physiology. B. S. '14 and M. S. '17, Purdue.

HARRY C. TRAVELBEE, 1916—Bacteriology. B. S. '11 and M. S. '16, Purdue. Asst. in Botany, Exp. Sta., '14-'16. Member Ind. Acad. Sci.

ASSISTANTS

MOSES A. JACOBSON, 1916—General Biol. B. S. '16, Va. Poly. Institute.

EDWIN J. KOHL, 1916—General Biol. and Zool. B. S. '15, Albright College. Member Ind. Acad. Sci.

*JOHN A. LIVELY, 1916—General Biol. B. S. '15, Waynesburg College.

CHARLES E. MONTGOMERY, 1916—General Biol. B. S. '13, Chicago. Critic Tr. Botany, '13-'16, Bloomington, Ind. Member Ind. Acad. Sci.; Ind. Sci. and Math. Assoc. (Pres.)

TREFFLEY A. BARTLETT, Feb., 1917—General Biol. B. S. '15, Michigan.

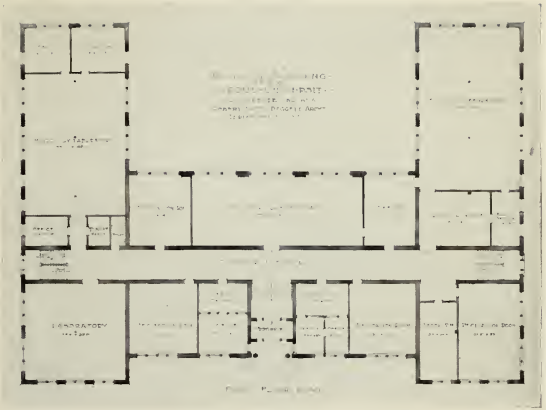
*Resigned February 1, 1917.

Description of Floor Plans of Stanley Coulter Hall of Biology

FIRST FLOOR

This floor contains the laboratories of General Biology, Zoology, Anatomy, Physiology, the offices of the Dean and the University Physician, other offices, stock rooms, and four class rooms.

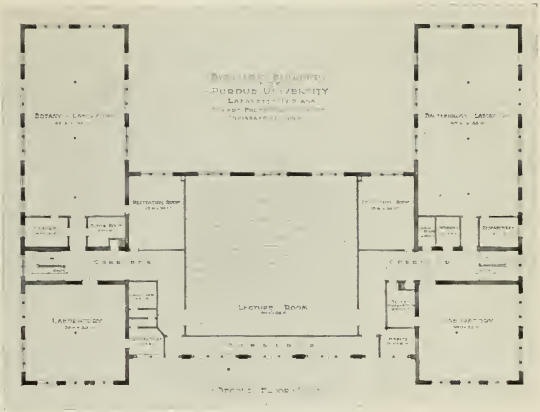
Much of the recitation work and administration will be conducted on this floor.



FIRST FLOOR PLAN

SECOND FLOOR

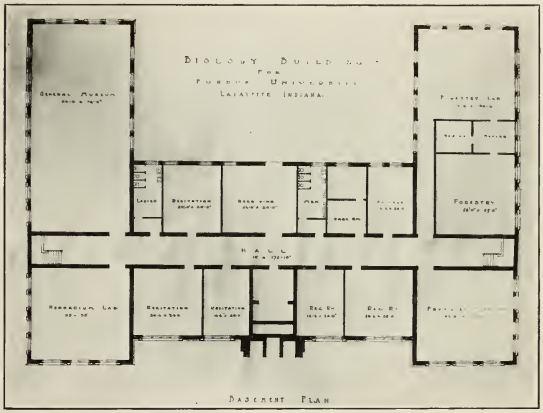
The second floor contains a large lecture room seating 288 persons, laboratories for Bacteriology, Botany and Plant Physiology, the departmental stock rooms, incubator rooms and offices.



SECOND FLOOR PLAN

BASEMENT

The basement provides for the general museum, the herbarium, forestry laboratories and office, receiving room, dark room, lavatories, animal room and five class rooms.



BASEMENT PLAN

The present temporary building, named Science Annex, is a two-story brick structure whose dimensions are forty by sixty feet. It was erected on the site of the old Power Plant during the summer of 1916 from materials salvaged from the old Science Hall. It affords room for the laboratories in general biology, botany and zoology, stock rooms and departmental offices.

The Dean of the School of Science and the University Physician have their offices in this building.

The other divisions of the department have been assigned laboratories in other buildings, as follows: Bacteriology in Farm Mechanics building; Physiology and Anatomy in the Veterinary building and Forestry in Practical Mechanics building.

Recitations and lectures have been held in rooms that were available in the buildings named or in Smith Hall, and others devoted to Agriculture, Chemistry, Physics and Pharmacy.

SCIENCE ANNEX

SCIENCE HALL

The original building was erected in 1887. Its construction was made possible by a legislative appropriation of $1500. The aim in construction was to secure the greatest possible space for the sum available, therefore the major portion was one story, and the front portion was made two stories high to provide for a lecture room on the second floor.

The building was devoted to the Department of Engineering, including the shops.

In 1894, the new Mechanical building was erected, after which the west wing and front of the building were used by the Department of Chemistry, and the east wing by the Department of Biology.

In 1906, the new Chemistry building was erected and in 1907 the east wing of the building, vacated by Chemistry, was used as a drafting room by the Department of Practical Mechanics until they moved into the new shops erected in 1910.

After 1910, the whole of the building was given over to the work of the Department of Biology until June, 1916, when it was removed to provide a site for Stanley Coulter Hall.

SCIENCE HALL

Successive Heads of the Department of Biology

1874-80 JOHN HUSSEY 1880-87 CHARLES R. BARNES 1887-— STANLEY COULTER

Former Members of the Biological Department

Appointed		Retired
1914	ARNDT, CHARLES HOMER, A. B., M. S., Assistant in Biology	1916
1888	ARTHUR, J. CHARLES, B. S., M. S., D. Sc., Prof. Veg. Physiol. (Carnegie Foundat'n)	1915
1880	BARNES, CHARLES R., A. M., Prof. Botany, Zoology and Geology	1887
1913	BENJAMIN, BARBARA, A. B., Assistant in Biology	1915
1889	BOLLEY, HOWARD LUKE, B. S., Assistant in Biology	1890
1910	BREEZE, FREDERICK JOHN, B. S., Instructor in Biology	1912
1895	BURRAGE, SEVERANCE, S. B., Ph. D., Prof. Sanitary Science	1912
1912	CAMPBELL, ELMER GRANT, A. B., M. S., Assistant in Biology	1914
1915	FROEMMING, ALBERT HENRY, A. B., Assistant in Biology	1916
1893	GOLDEN, KATHERINE ELIZA, B. S., M. S., Assistant Professor of Biology	1904
1894	HEACOCK, EDWIN H., B. S., Assistant in Biology	1895
1915	HENDRICKS, HAROLD DAVIS, A. B., Assistant in Plant Path. and Physiol.	1916
1912	HILLIARD, CURTIS MORRISON, A. B., Assistant Prof. of Sanit. Sci.	1914
1911	HOFFMAN, GEORGE L., B. S., Assistant in Biology	1912
1874	HUSSEY, JOHN, Ph. D., Professor of Botany and Horticulture	1880
1909	KERN, FRANK DUNN, B. S., M. S., Instructor in Cryptogamic Botany	1911
1890	MCDOUGAL, DANIEL T., B. S., Assistant in Biology	1892
1904	MARTIN, ERNEST GALE, Ph. B., Ph. D., Instructor in Physiol. and Anat.	1906
1913	MURRAY, THOMAS JEFFERSON, B. S., M. S., Assistant in Bacteriology	1915
1884	OSBORN, HENRY L., A. M., Professor of Physiology and Zoology	1888
1912	PRICE, EARL, A. B., B. S., Assistant in Biology	1914
1885	SHOEMAKER, ELIZABETH, B. S., Assistant in Botany	1886

1905	Silberberg, Bernice, B. S., Assistant in Biology	1906
1915	Voigt, Edwin, B. S. A., Assistant in Bacteriology	1916
1888	Windle, William Sleeper, B. S., Assistant in Biology	1889
1892	Wright, Stephen Grant, B. S., M. S., Assistant in Biology	1893
1916	Zufall, Chalmers Joseph, B. S., M. S., Assist. in Biology in 2nd semester	1916

MUSEUM TO 1916

LABORATORY FOR GENERAL BIOLOGY AND ZOOLOGY—1907-16

PROFESSOR ENDERS AND ASSISTANTS

LABORATORY FOR BOTANY AND PLANT PHYSIOLOGY—1911-16

PROFESSOR HOFFER IN CHARGE

BIOLOGY LABORATORY TO 1907

LABORATORY FOR JUNIOR CHEMISTRY TO 1907

Statistical Statement, School of Science

Graduates		Advanced Degrees	Graduates		Advanced Degrees
1875	1	..	1898	20	6
1876	1	..	1899	27	6
1877	2	..	1900	21	1
1878	4	..	1901	23	7
1879	2	..	1902	16	9
1880	7	..	1903	32	2
1881	8	..	1904	17	6
1882	7	..	1905	19	1
1883	15	..	1906	19	1
1884	10	..	1907	18	4
1885	8	..	1908	13	..
1886	10	1	1909	16	3
1887	6	..	1910	18	3
1888	13	1	1911	27	3
1889	11	5	1912	20	4
1890	20	7	1913	40	7
1891	17	1	1914	39	14
1892	22	9	1915	42	3
1893	8	12	1916	48	8
1894	15	5	Total	704	
1895	16	6	Adv. degr.	144	
1896	16	4			
1897	10	5		848	

Occupational Summary	Male	Female
Farm. and Food prep.	29	5
Mining, Lumber, etc.	58	3
Manufacturing	3	..
Construction work	3	..
Transp. and Commun.	38	2
Mercantile work	25	10
Public employment	79	138
Educational occup.	52	5
Health work	21	2
Other profess. work	9	12
Miscellaneous	..	121
Housewives	24	41
Not specified	7	1
Not heard from	27	15
Deceased	375	355
Total (not counted twice)		

From Purdue Alumni Register, 1875-1915.
Analysis for 8 advanced degrees 1916 not included.

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